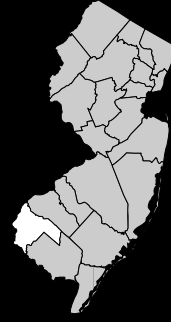


Salem County



SALEM

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661 South Broad Street

661 South Broad Street

Pennsville Township

Salem County

BLOCK: 546 **LOT:** 5

CATEGORY: Non-Superfund
State Lead

TYPE OF FACILITY: Gasoline Service Station
OPERATION STATUS: Inactive

PROPERTY SIZE: 0.25 Acre

SURROUNDING LAND USE: Residential/Agricultural

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Treating

Soil

Petroleum Hydrocarbons

Removed

FUNDING SOURCES

1986 Bond Fund

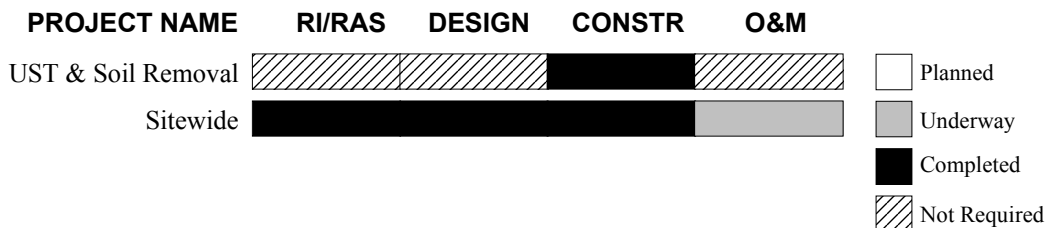
AMOUNT AUTHORIZED

\$245,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

This site is also known as the Pompper property. It operated as a gasoline service station for approximately 30 years, until 1986. After business operations ceased it was used as a private residence. In 1990, utility workers encountered gasoline vapors while installing a sewer line in front of the property. The source of the gasoline vapors was determined to be two leaking underground gasoline storage tanks that remained on site. NJDEP's Remedial Response Element subsequently excavated and disposed of the tanks and 200 tons of gasoline-contaminated soil. A fire destroyed the small residential building in 1995 and the property is now a vacant lot.

Between 1995 and 1997, NJDEP's Remedial Response Element conducted a Remedial Investigation and Remedial Action Selection (RI/RAS) to delineate the contamination in the soil and ground water and evaluate remedial alternatives. The RI/RAS revealed that a significant volume of gasoline-contaminated soil remained at the site. The RI/RAS also revealed elevated levels of volatile organic compounds were present in the shallow ground water but the contamination did not extend beyond the boundaries of the property. NJDEP subsequently excavated and disposed of an additional 1,145 tons of contaminated soil and backfilled the site with clean material. In 1999, NJDEP initiated oxygen-enhanced bioremediation to address the contaminated ground water. This remedy entails periodically adding oxygen-releasing pellets to the on-site monitor wells to stimulate the growth of naturally occurring microorganisms in the ground water, thereby increasing biodegradation of the volatile organic compounds in the shallow aquifer. The oxygen-enhanced bioremediation process is expected to reduce the volatile organic compounds to levels below New Jersey Drinking Water Standards in approximately five years. NJDEP is periodically sampling the ground water at the site to monitor the plume and evaluate the effectiveness of the remedy.



Woodstown Pilesgrove Sanitary Landfill

Robbins Road

Pilesgrove Township

Salem County

BLOCK: 89 **LOT:** 10

CATEGORY: Non-Superfund
State Lead

TYPE OF FACILITY: Sanitary Landfill
OPERATION STATUS: Inactive

PROPERTY SIZE: 44 Acres

SURROUNDING LAND USE: Agricultural

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds
Semi-Volatile Organic Compounds

STATUS

Confirmed

Soil

Volatile Organic Compounds
Semi-Volatile Organic Compounds

Potential

Air

Methane

Potential

FUNDING SOURCES

Corporate Business Tax

AMOUNT AUTHORIZED

\$77,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

The Woodstown Pilesgrove Sanitary Landfill is a 44-acre inactive sanitary landfill that is jointly owned by Woodstown Borough and Pilesgrove Township. The site began landfilling operations in 1980, accepting municipal and vegetative wastes under a permit with NJDEP. NJDEP ordered the site closed in 1985 after the permit expired and Woodstown and Pilesgrove did not apply for an extension to continue landfilling activities. NJDEP directed Woodstown and Pilesgrove to submit a Closure and Post-Closure Care Plan for the landfill at the time operations ceased but one was not submitted. Although a post-closure plan has not been developed, Woodstown and Pilesgrove have been periodically sampling on-site ground water monitor wells under a NJPDES permit.

NJDEP's Remedial Response Element is implementing closure actions at the landfill to prevent the release of methane, a greenhouse gas, from the waste fill and mitigate the impact of landfill leachate on the environment. NJDEP is currently reviewing the landfill's history and past sampling results to obtain preliminary information for the landfill closure project. NJDEP plans to conduct an Immediate Environmental Concern Assessment at the site in 2003 to identify conditions that could present immediate threats to human health or the environment.

PROJECT NAME RI/RAS DESIGN CONSTR O&M

Sitewide



Planned

Underway

Completed

Not Required